

STIC Biotechnology Systems Branch

RAW SEQUENCE LISTING **ERROR REPORT**

The Biotechnology Systems Branch of the Scientific and Technical Information Center (STIC) detected errors when processing the following computer readable form:

Application Serial Number: 10/527,597
Source: IFWO
Date Processed by STIC: 04/11/2006

THE ATTACHED PRINTOUT EXPLAINS DETECTED ERRORS.

PLEASE FORWARD THIS INFORMATION TO THE APPLICANT BY EITHER:

- 1) INCLUDING A COPY OF THIS PRINTOUT IN YOUR NEXT COMMUNICATION TO THE APPLICANT, WITH A NOTICE TO COMPLY or,
- 2) TELEPHONING APPLICANT AND FAXING A COPY OF THIS PRINTOUT, WITH A NOTICE TO COMPLY

FOR CRF SUBMISSION AND PATENTIN SOFTWARE QUESTIONS, PLEASE CONTACT MARK SPENCER, TELEPHONE: 571-272-2510; FAX: 571-273-0221

TO REDUCE ERRORED SEQUENCE LISTINGS, PLEASE USE THE **CHECKER VERSION 4.4.0 PROGRAM**, ACCESSIBLE THROUGH THE U.S. PATENT AND TRADEMARK OFFICE WEBSITE. SEE BELOW FOR ADDRESS:

<http://www.uspto.gov/web/offices/pac/checker/chkrnote.htm>

Applicants submitting genetic sequence information electronically on diskette or CD-Rom should be aware that there is a possibility that the disk/CD-Rom may have been affected by treatment given to all incoming mail.

Please consider using alternate methods of submission for the disk/CD-Rom or replacement disk/CD-Rom.

Any reply including a sequence listing in electronic form should NOT be sent to the 20231 zip code address for the United States Patent and Trademark Office, and instead should be sent via the following to the indicated addresses:

1. EFS-Bio (<**<http://www.uspto.gov/ebc/efs/downloads/documents.htm>**> , **EFS Submission User Manual - ePAVE**)
2. **U.S. Postal Service:** Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450
3. **Hand Carry, Federal Express, United Parcel Service, or other delivery service (EFFECTIVE 01/14/05):**
U.S. Patent and Trademark Office, Mail Stop Sequence, Customer Window, Randolph Building, 401 Dulany Street, Alexandria, VA 22314

Revised 01/10/06

10/527,597

Use _____

IFWO

RAW SEQUENCE LISTING

DATE: 04/11/2006

PATENT APPLICATION: US/10/527,597

TIME: 11:22:15

Input Set : A:\2006-04-05 - 5094-0101PUS1.txt

Output Set: N:\CRF4\04112006\J527597.raw

3 <110> APPLICANT: ANDO, Yukio
 4 NAKAMURA, Masaaki
 5 NAGAHARA, Shunji
 7 <120> TITLE OF INVENTION: An agent for accelerating site directed gene conversion
 8 and a therapeutic agent of genetic disease
 10 <130> FILE REFERENCE: 5094-0101PUS1
 12 <140> CURRENT APPLICATION NUMBER: US 10/527,597
 13 <141> CURRENT FILING DATE: 2005-03-14
 15 <150> PRIOR APPLICATION NUMBER: JP 2002-274926
 16 <151> PRIOR FILING DATE: 2002-09-20
 18 <150> PRIOR APPLICATION NUMBER: PCT/JP2003/011962
 19 <151> PRIOR FILING DATE: 2003-09-19
 21 <160> NUMBER OF SEQ ID NOS: 11
 23 <170> SOFTWARE: PatentIn Ver. 2.1
 25 <210> SEQ ID NO: 1
 26 <211> LENGTH: 68
 27 <212> TYPE: DNA
 28 <213> ORGANISM: Artificial Sequence
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 31 <222> LOCATION: (29)..(39)
 32 <223> OTHER INFORMATION: Description of Artificial Sequence:2'-O-methyl-RNA
 34 <220> FEATURE:
 35 <222> LOCATION: (45)..(54)
 36 <223> OTHER INFORMATION: Description of Artificial Sequence:2'-O-methyl-RNA
 38 <400> SEQUENCE: 1
 39 atcaatgtgg ccatgcatgt gttcattttu gaacacaugc atggccacau ugaugcgcgt 60
 40 tttcgcgc 68

Does Not Comply
 Corrected Diskette Needed
 Cp3-1-3)

Pls. Explain the source of Responses
 is genetic Material. If C2132
 is Artificial or Unknown. See
 Item # 11 on Error Summary
 Sheet.

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 44 <211> LENGTH: 25
 45 <212> TYPE: DNA
 46 <213> ORGANISM: Artificial Sequence
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 49 <222> LOCATION: (1)..(3)
 50 <223> OTHER INFORMATION: Description of Artificial Sequence:Phosphorothioate linkage
 52 <220> FEATURE:
 53 <222> LOCATION: (23)..(25)
 54 <223> OTHER INFORMATION: Description of Artificial Sequence:Phosphorothioate linkage
 56 <400> SEQUENCE: 2
 57 tgaacacatg catggccaca ttgat 25
 60 <210> SEQ ID NO: 3
 61 <211> LENGTH: 45
 62 <212> TYPE: DNA
 63 <213> ORGANISM: Artificial Sequence

Same as above

Same error

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65 <220> FEATURE:
 66 <222> LOCATION: (1)..(3)
 67 <223> OTHER INFORMATION: Description of Artificial Sequence:Phosphorothioate linkage
 69 <220> FEATURE:
 70 <222> LOCATION: (43)..(45)
 71 <223> OTHER INFORMATION: Description of Artificial Sequence:Phosphorothioate linkage
 73 <400> SEQUENCE: 3
 74 gcagcctttc tgaacacatg catggccaca ttgatggcag gactg 45
 77 <210> SEQ ID NO: 4
 78 <211> LENGTH: 74
 79 <212> TYPE: DNA
 80 <213> ORGANISM: Artificial Sequence *Same*
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 83 <222> LOCATION: (1)..(3)
 84 <223> OTHER INFORMATION: Description of Artificial Sequence:Phosphorothioate linkage
 86 <220> FEATURE:
 87 <222> LOCATION: (72)..(74)
 88 <223> OTHER INFORMATION: Description of Artificial Sequence:Phosphorothioate linkage
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 92 cctcggacag catc 74
 95 <210> SEQ ID NO: 5
 96 <211> LENGTH: 74
 97 <212> TYPE: DNA
 98 <213> ORGANISM: Artificial Sequence *Same*
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 102 <223> OTHER INFORMATION: Description of Artificial Sequence:Phosphorothioate linkage
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 116 <212> TYPE: DNA
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 121 <223> OTHER INFORMATION: Description of Artificial Sequence:Phosphorothioate linkage
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 125 <223> OTHER INFORMATION: Description of Artificial Sequence:Phosphorothioate linkage
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 129 cctcggacgg catc 74
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 133 <211> LENGTH: 51

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Input Set : A:\2006-04-05 - 5094-0101PUS1.txt

Output Set: N:\CRF4\04112006\J527597.raw

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 153 <220> FEATURE:
 154 <222> LOCATION: (72)..(74)
 155 <223> OTHER INFORMATION: Description of Artificial Sequence:Phosphorothioate linkage
 157 <400> SEQUENCE: 8
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 164 <212> TYPE: DNA
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 168 <222> LOCATION: (1)..(3)
 169 <223> OTHER INFORMATION: Description of Artificial Sequence:Phosphorothioate linkage
 171 <220> FEATURE:
 172 <222> LOCATION: (72)..(74)
 173 <223> OTHER INFORMATION: Description of Artificial Sequence:Phosphorothioate linkage
 175 <400> SEQUENCE: 9
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 187 <223> OTHER INFORMATION: Description of Artificial Sequence:Phosphorothioate linkage
 189 <220> FEATURE:
 190 <222> LOCATION: (72)..(74)
 191 <223> OTHER INFORMATION: Description of Artificial Sequence:Phosphorothioate linkage
 193 <400> SEQUENCE: 10
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 195 caatccattg tcca 74
 198 <210> SEQ ID NO: 11
 199 <211> LENGTH: 74
 200 <212> TYPE: DNA
 201 <213> ORGANISM: Artificial Sequence *7 Same*

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DATE: 04/11/2006

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Input Set : A:\2006-04-05 - 5094-0101PUS1.txt

Output Set: N:\CRF4\04112006\J527597.raw

203 <220> FEATURE:

204 <222> LOCATION: (1)..(3)

205 <223> OTHER INFORMATION: Description of Artificial Sequence:Phosphorothioate linkage

207 <220> FEATURE:

208 <222> LOCATION: (72)..(74)

209 <223> OTHER INFORMATION: Description of Artificial Sequence:Phosphorothioate linkage

211 <400> SEQUENCE: 11

212 gccatgatag cccagagggc catctgagtt acttgctgat tccagctgag gccaaagttg 60

213 ccaatcacta actg 74

VERIFICATION SUMMARY

DATE: 04/11/2006

PATENT APPLICATION: US/10/527,597

TIME: 11:22:16

Input Set : A:\2006-04-05 - 5094-0101PUS1.txt

Output Set: N:\CRF4\04112006\J527597.raw